



FIELD CHANGE ORDER

Service

Issued by : PMS DMC Hamburg
Released by : T. Frenschek
Publication No. : 4512 980 60661

signed

Reference No. : FCO74200015
Date : January 2004
Product Group : 742



OPTIMUS RAD / RF / C

APPLIES TO:

All 7E converters of OPTIMUS RAD – R/F – C generators

9890 000 02772 = 4512 104 7231X

TITLE:

IGBT over-current supervision for OPTIMUS RAD – R/F – C converters

LIST OF PAGES & DRAWINGS:

1....2 (0.4)
ANR (0.4)

INTRODUCTION:

Symptom :
Cause : Pro active action to prevent the converter to be damaged by over-current
Remedy : Modification of the converter group EQ / E2Q

MANPOWER / TIME TO COMPLETE:

1 service engineer, 1 hour for 50 kW generators with one converter
1 service engineer, 1.5 hour for 65/80 kW generators with two converters

TOOLS & TEST EQUIPMENT:

- Standard set of service tools
- Oscilloscope

MODIFICATION KIT / PARTS REQUIRED:**4512 104 96751**

Containing:

4512 178 00241	1 current limiter
4512 104 91702	1 current sensor
2422 034 21954	2 insulation sleeves
4512 984 26731	Modification instruction manual
	Installation material

Ordering information: For 65/80 kW generators 2 kits are required.

PROCEDURE:

- Modification of the converter group EQ / E2Q.
- Detailed description see modification instruction manual.
- Check functions.

PARTS DISPOSAL:

All parts are to be disposed of in a safe way in accordance with local Safety Regulations.

DOCUMENTATION:

- Log this action in the section "History Record" of the System Reference Manual.
- File this FCO in the section "Service Information" of the System Reference Manual.
- Fill out the attached Action Notification Report and send it to your SSD Customer Support Manager.

FCO ACTION NOTIFICATION REPORT

For local SSD use only; do not return to PMG.

TITLE : IGBT over-current supervision for OPTIMUS RAD – R/F – C converters	
CLASSIFICATION : : <i>Service recommended</i>	FCO REF. NO.: 74200015
APPLIES TO : All 7E converters of OPTIMUS RAD – R/F – C generators	

HOSPITAL / ADDRESS :																							
LOCATION / FW SITE NO.:						SALES ORDER NO. / OA NO.:																	
PRODUCT NUMBER :		<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																					
UNIT SERIAL NUMBER :		<table border="1"><tr><td colspan="10"></td></tr></table>																					

ACTION ON THIS UNIT WAS: (select one)	JOB NO. / SERVICE INCIDENT NO.:
<input type="checkbox"/> Completed per instruction on _____ <div style="text-align: center;">DATE</div>	<input style="width: 100%; height: 40px;" type="text"/>
<input type="checkbox"/> Completed by the factory prior to delivery.	
<input type="checkbox"/> Not completed as this unit is not affected per instruction because: (state reason) <hr style="border: 0; border-top: 1px solid black; margin-top: 10px;"/>	
<input type="checkbox"/> Not completed because customer has unit in storage. Required parts & instructions received by the customer.	

CUSTOMER ACKNOWLEDGEMENT (Required for **MANDATORY ACTIONS** only).

The **REASON and PURPOSE** of this modification have been explained to me.

_____	_____
CUSTOMER NAME (PLEASE PRINT)	TITLE
_____	_____
CUSTOMER SIGNATURE	DATE

BRANCH _____ REGION / _____ DEALER : _____	SERVICE UNIT / _____ SERVICE AREA NO.: _____
_____ SIGNATURE CUSTOMER SUPPORT ENGINEER	_____ DATE
_____ SIGNATURE CUSTOMER SUPPORT MANAGER	MAIL TO : SSD Customer Support Manager